



**International
Pediatric
Hypertension
Association**

**May 1–3, 2010
Vancouver Convention Centre
Vancouver, BC, Canada**

About the International Pediatric Hypertension Association

Hypertension, which is estimated to affect more than 50 million Americans and is a leading cause of cardiovascular disease, end-stage renal disease and cerebrovascular accidents, commonly has its origin in childhood. Although hypertension and associated end-organ damage occur more commonly in adults, hypertension and its resultant complications have far earlier antecedents. The International Pediatric Hypertension Association (IPHA) is a multispecialty, multidisciplinary group of health care providers and scientists committed to delineating the origins and manifestations of hypertension in children and improving the care of children and young adults affected by this condition. Toward that end, IPHA has established a three-fold mission to:

- foster and maintain an open forum among pediatric hypertension healthcare professionals worldwide;
- participate in research initiatives promoting improved treatment of the hypertensive patient;
- educate healthcare professionals and the lay public about the ramifications of childhood hypertension.

Please join us in Vancouver where the International Pediatric Hypertension Association (IPHA) and the Pediatric Academic Societies (PAS) will, for the fifth year, host aligned meetings. Joint symposia and original science will be held at the Vancouver Convention Centre. The IPHA general meeting is scheduled for Monday, May 3 from 6:00-7:00pm.

Registration Information

A registration fee set by the PAS is required to attend any PAS activities at the Vancouver Convention Centre —see PAS registration information on page 111. Register by March 4th for substantial savings.

Housing Information

All room reservations should be made through the PAS and not directly with the hotels. Housing may be reserved online at www.pas-meeting.org or refer to the housing form on page 109.

Contact Information

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Saturday, May 1

10:15am–12:15pm

1315A Issues in Dialytic Care

ASPEN Topic Symposium ~ Vancouver Convention Centre

Target Audience: Clinicians (physicians, nurses and allied health personnel) caring for children with end stage kidney disease requiring dialysis.

Objectives:

- Understand recent studies assessing outcomes of newer dialytic techniques
- Assess the evidence for incorporating new methods of blood pressure assessment in caring for dialysis patients
- Learn skills to deal with disruptive dialysis patients and options on how to incorporate physician extenders in dialysis programs to improve patient care

Chairs: Deepa Chand, Akron Children's Hospital, Akron, OH and Colin White, British Columbia Children's Hospital, Vancouver, BC, Canada

This session will highlight a number of important issues in dialytic care, including the emergence of new dialytic techniques including home, frequent and nighttime dialysis, as well as issues of BP control in dialysis. Practical issues such as management of the disruptive dialysis patient and the role of physician extenders in dialysis programs will also be addressed.

10:15 Emerging Dialytic Techniques

David J. Askenazi, University of Alabama, Birmingham, AL

10:45 Blood Pressure Control in Dialysis Patients

Janis Dionne, British Columbia Children's Hospital, Vancouver, BC, Canada

11:15 The Disruptive Dialysis Patient

Lorraine Bell, McGill University Health Centre- Montreal Children's Hospital, Montreal, QC, Canada

11:45 Physician Extenders: Role in Dialysis Programs

Michelle R. Mills, University of Michigan, C.S. Mott Children's Hospital, Ann Arbor, MI

Program developed by the American Society of Pediatric Nephrology

5:00pm–6:30pm

1800 PAS Opening General Session

Vancouver Convention Centre

Presidents Welcome, Joseph St. Geme Leadership Award, Kenote Lecture

2:45pm–4:45pm

1620 Neonatal and Infant Hypertension

Topic Symposium ~ Vancouver Convention Centre

Target Audience: Clinicians involved with the care of newborns and infants with hypertension

Objectives:

- Appreciate normative blood pressure data in newborns and infants and how to assess these data in the context of different measurement techniques
- Assess both the risks and benefits of antihypertensive medications (CCBs and ACE-inhibiting medications) in neonates and infants
- Evaluate the management of hypertension in NICU graduates and
- Understand the impact of the maternal treatment of hypertension as a risk to the developing fetus

Chairs: Julie R. Ingelfinger, Massachusetts General Hospital, Boston, MA and Tej K. Mattoo, Children's Hospital of Michigan, Detroit, MI

This symposium will focus on hypertension in the neonate and infant. Assessing blood pressure and normative data may be challenging in the neonate and infant, as there is a need to take into account gestational age as well as chronologic age for these patients. The risks and benefits of pharmacologic therapy will be discussed as well, given that the premature infant or young infant is still undergoing nephrogenesis and maturation of a number of systems including the renin-angiotensin system. There may also be factors impacting the fetus carried by a mother who has hypertension. Many of those infants diagnosed as neonates will eventually have resolution of their hypertension, but until they do, there is a need to optimize follow-up while minimizing risks.

2:45 Normative Data and How To Assess Blood Pressure in the Neonate

Janis Dionne, British Columbia Children's Hospital, Vancouver, BC, Canada

3:10 Antihypertensives and Neonates: Risks and Benefits: ACEIs and CCBs

Douglas L. Blowey, Children's Mercy Hospital, Kansas City, MO

3:35 Management of Hypertension in NICU Graduates

Joseph T. Flynn, Seattle Children's Hospital, Seattle, WA

4:00 Maternal Treatment of Hypertension: Risks to Fetus

Gideon Koren, The Hospital for Sick Children, Toronto, ON, Canada

4:25 Discussion

Program developed by the American Society of Pediatric Nephrology, International Pediatric Hypertension Association and the Pediatric Academic Societies

Monday, May 3

8:00am–10:00am

3080 The Brain and Hypertension

Topic Symposium ~ Vancouver Convention Centre

Target Audience: Clinicians caring for children with hypertension and those at risk for development of hypertension due to medications that affect the central nervous system.

Objectives:

- Recognize the impact of hypertension on neurocognition and the brain
- Understand the effects that ADHD medications have on blood pressure and the risk for hypertension
- Appreciate the central nervous system effects of antihypertensive medications
- Recognize the short and long term outcomes of hypertensive encephalopathy

Chairs: Kevin Meyers, Children's Hospital of Philadelphia, Philadelphia, PA and Donald L. Batisky, Emory Children's Center, Atlanta, GA

The primary focus of this symposium will be on effects of hypertension on the brain and central nervous system as a target organ. Various aspects of the effects of hypertension on the brain in the pediatric population will be explored, such as

neurocognition in the patient with hypertension. Some therapies for conditions affecting the central nervous system such as stimulant therapy in attention deficit disorders may result in elevated blood pressure, so it is important to recognize these factors. There are a number of centrally active antihypertensives that will be reviewed, and one of the more dramatic results of hypertension, PRES (posterior reversible encephalopathy syndrome) as a manifestation of hypertensive encephalopathy, will be discussed as well.

8:00 Neurocognition and the Brain in Hypertension

Marc Lande, Golisano Children's Hospital at Strong Pediatrics, Rochester, NY

8:25 ADHD Medications and Hypertension

Paul Hammerness, Massachusetts General Hospital, Cambridge, MA

8:50 Central Effects of Antihypertensives

Debra Diz, Hypertension and Vascular Research Center, Wake Forest University, Winston-Salem, NC

9:15 APRESing Matter: Posterior Reversible Encephalopathy Syndrome And Hypertension: Resolved and Unresolved Issues

Kenji Ishikura, Tokyo Metropolitan Kiyose Children's Hospital, Tokyo, Japan

9:40 Discussion

Program developed by the American Society of Pediatric Nephrology, International Pediatric Hypertension Association, Japan Pediatric Society and the Pediatric Academic Societies

2:00pm–4:00pm

3457 PAS Original Science Abstract Program_Hypertension

Vancouver Convention Centre

Details will be available in February

6:00pm–7:00pm

3860 IPHA General Business Meeting

All current IPHA members as well as other interested individuals are invited to join us for discussion of current and upcoming IPHA activities

Visit the
International Pediatric
Hypertension Association
at
www.pediatrichypertension.org